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RAW SEQUENCE LISTING

DATE: 01/28/2003

PATENT APPLICATION: US/10/014,147

TIME: 08:24:39

Input Set : N:\Crf3\RULE60\10014147.raw.txt

Output Set: N:\CRF4\01282003\J014147.raw

SEQUENCE LISTING

3 (1) GENERAL INFORMATION:  
5 (i) APPLICANT: Blecha, Frank  
6 Shi, Jishu  
8 (ii) TITLE OF INVENTION: Synthetic Antimicrobial Peptide  
10 (iii) NUMBER OF SEQUENCES: 9  
12 (iv) CORRESPONDENCE ADDRESS:  
13 (A) ADDRESSEE: Hovey, Williams, Timmons & Collins  
14 (B) STREET: 2405 Grand Blvd., Ste. 400  
15 (C) CITY: Kansas City  
16 (D) STATE: Missouri  
17 (E) COUNTRY: U.S.A.  
18 (F) ZIP: 64108  
20 (v) COMPUTER READABLE FORM:  
21 (A) MEDIUM TYPE: Floppy disk  
22 (B) COMPUTER: IBM PC compatible  
23 (C) OPERATING SYSTEM: PC-DOS/MS-DOS  
24 (D) SOFTWARE: PatentIn Release #1.0, Version #1.25  
26 (vi) CURRENT APPLICATION DATA:  
C--> 27 (A) APPLICATION NUMBER: US/10/014,147  
C--> 28 (B) FILING DATE: 07-Dec-2001  
W--> 37 (C) CLASSIFICATION: 530  
34 (vii) PRIOR APPLICATION DATA:  
31 (A) APPLICATION NUMBER: US/08/930,777A  
32 (B) FILING DATE: October 8, 1997  
35 (A) APPLICATION NUMBER: PCT/US96/04674  
36 (B) FILING DATE: April 10, 1996  
39 (viii) ATTORNEY/AGENT INFORMATION:  
40 (A) NAME: Collins, John M.  
41 (B) REGISTRATION NUMBER: 26,262  
42 (C) REFERENCE/DOCKET NUMBER: 23625-A  
44 (ix) TELECOMMUNICATION INFORMATION:  
45 (A) TELEPHONE: (816) 474-9050  
46 (B) TELEFAX: (816) 474-9057  
49 (2) INFORMATION FOR SEQ ID NO: 1:  
51 (i) SEQUENCE CHARACTERISTICS:  
52 (A) LENGTH: 39 amino acids  
53 (B) TYPE: amino acid  
54 (D) TOPOLOGY: linear  
56 (ii) MOLECULE TYPE: peptide  
58 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:  
60 Arg Arg Arg Pro Arg Pro Pro Tyr Leu Pro Arg Pro Arg Pro Pro Pro  
61 1 5 10 15

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63 Phe Phe Pro Pro Arg Leu Pro Pro Arg Ile Pro Pro Gly Phe Pro Pro  
 64 20 25 30  
 66 Arg Phe Pro Pro Arg Phe Pro  
 67 35

69 (2) INFORMATION FOR SEQ ID NO: 2:

71 (i) SEQUENCE CHARACTERISTICS:

72 (A) LENGTH: 26 amino acids

73 (B) TYPE: amino acid

74 (D) TOPOLOGY: linear

76 (ii) MOLECULE TYPE: peptide

78 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:

80 Arg Arg Arg Pro Arg Pro Pro Tyr Leu Pro Arg Pro Arg Pro Pro Pro

81 1 5 10 15

83 Phe Phe Pro Pro Arg Leu Pro Pro Arg Ile

84 20 25

87 (2) INFORMATION FOR SEQ ID NO: 3:

89 (i) SEQUENCE CHARACTERISTICS:

90 (A) LENGTH: 23 amino acids

91 (B) TYPE: amino acid

92 (D) TOPOLOGY: linear

94 (ii) MOLECULE TYPE: peptide

96 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:

98 Pro Arg Pro Pro Tyr Leu Pro Arg Pro Arg Pro Pro Pro Phe Phe Pro

99 1 5 10 15

101 Pro Arg Leu Pro Pro Arg Ile

102 20

105 (2) INFORMATION FOR SEQ ID NO: 4:

107 (i) SEQUENCE CHARACTERISTICS:

108 (A) LENGTH: 19 amino acids

109 (B) TYPE: amino acid

110 (D) TOPOLOGY: linear

112 (ii) MOLECULE TYPE: peptide

114 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:

116 Arg Arg Arg Pro Arg Pro Pro Tyr Leu Pro Arg Pro Arg Pro Pro Pro

117 1 5 10 15

119 Phe Phe Pro

122 (2) INFORMATION FOR SEQ ID NO: 5:

124 (i) SEQUENCE CHARACTERISTICS:

125 (A) LENGTH: 16 amino acids

126 (B) TYPE: amino acid

127 (D) TOPOLOGY: linear

129 (ii) MOLECULE TYPE: peptide

131 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:

133 Arg Pro Arg Pro Pro Pro Phe Phe Pro Pro Arg Leu Pro Pro Arg Ile

134 1 5 10 15

138 (2) INFORMATION FOR SEQ ID NO: 6:

140 (i) SEQUENCE CHARACTERISTICS:

141 (A) LENGTH: 15 amino acids

142 (B) TYPE: amino acid

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143      (D) TOPOLOGY: linear
145      (ii) MOLECULE TYPE: peptide
147      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
149      Arg Ile Pro Pro Gly Phe Pro Pro Arg Phe Pro Pro Arg Phe Pro
150      1          5          10          15
153 (2) INFORMATION FOR SEQ ID NO: 7:
155      (i) SEQUENCE CHARACTERISTICS:
156      (A) LENGTH: 14 amino acids
157      (B) TYPE: amino acid
158      (D) TOPOLOGY: linear
160      (ii) MOLECULE TYPE: peptide
162      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
164      Arg Arg Arg Pro Arg Pro Pro Tyr Leu Pro Arg Pro Arg Pro
165      1          5          10
167 (2) INFORMATION FOR SEQ ID NO: 8:
169      (i) SEQUENCE CHARACTERISTICS:
170      (A) LENGTH: 7 amino acids
171      (B) TYPE: amino acid
172      (D) TOPOLOGY: linear
174      (ii) MOLECULE TYPE: peptide
176      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
178      Arg Pro Pro Pro Phe Phe Pro
179      1          5
182 (2) INFORMATION FOR SEQ ID NO: 9:
184      (i) SEQUENCE CHARACTERISTICS:
185      (A) LENGTH: 8 amino acids
186      (B) TYPE: amino acid
187      (D) TOPOLOGY: linear
189      (ii) MOLECULE TYPE: peptide
191      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:
193      Pro Pro Arg Leu Pro Pro Arg Ile
194      1          5

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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/014,147

DATE: 01/28/2003

TIME: 08:24:40

Input Set : N:\Crf3\RULE60\10014147.raw.txt

Output Set: N:\CRF4\01282003\J014147.raw

L:27 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]  
L:28 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]  
L:33 M:238 W: Alpha Fields not Ordered, Reordered [(C) CLASSIFICATION:] of (1)(vi)  
L:37 M:238 W: Alpha Fields not Ordered, Reordered [(C) CLASSIFICATION:] of (1)(vi)